

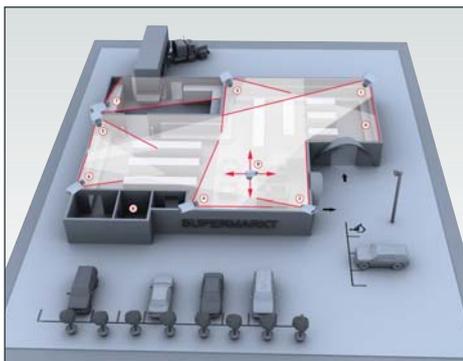


Video security solutions with network and analogue technology

Video surveillance of a supermarket using network and CCTV cameras

The surveillance of a supermarket is divided into several sections: entrances and exits, cash desk area, shelves with expensive goods such as spirits and cosmetics, as well as warehouses with delivery zones. A hybrid video surveillance system consisting of analogue CCTV cameras and

network cameras with mega pixel resolution is the best way to ensure security. Recording is done via a digital recording system. An additional customer monitor completes the security measures.



SNC-6201M



VTC-262PWD



VTC-HDH432IRPWD



VDC-295ID



SLA-19AX



NUUO-NDVR-8P



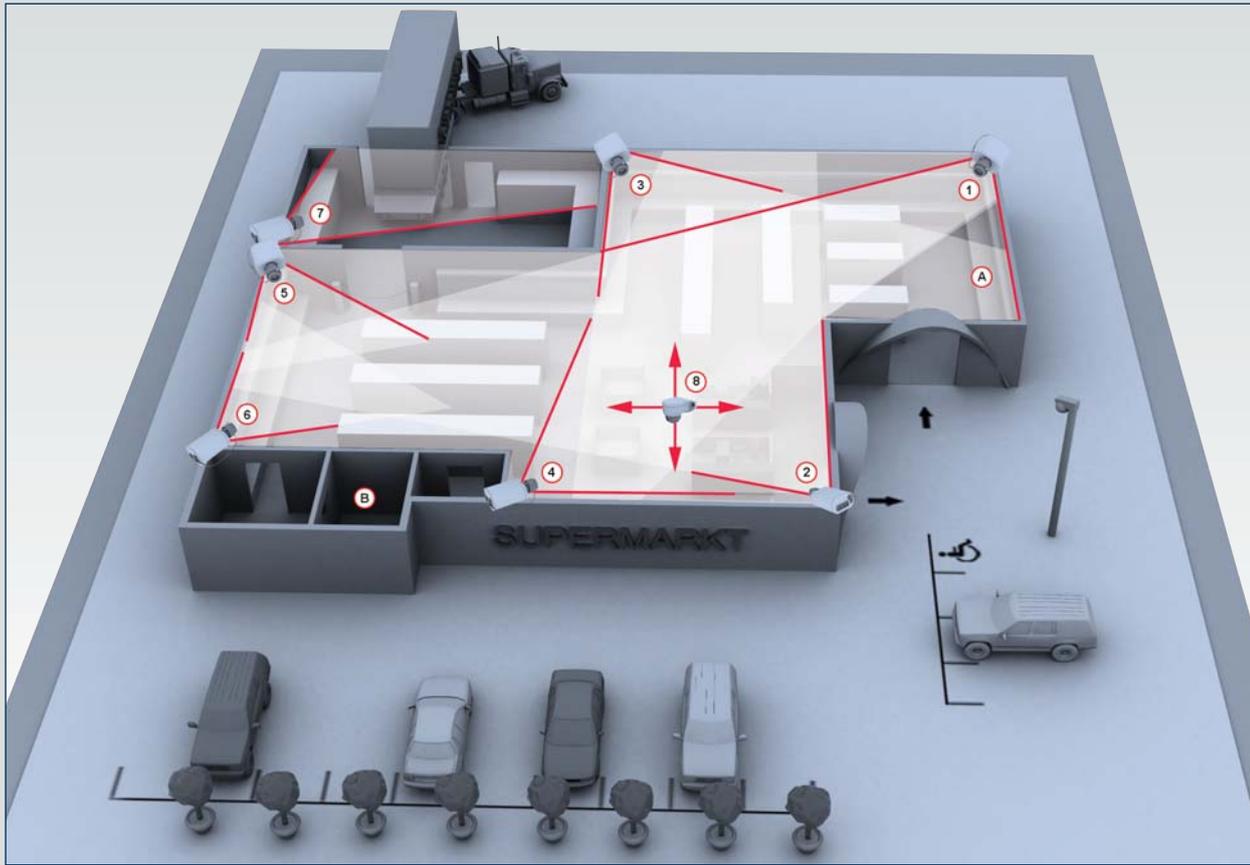
SCB-C08



DCZ

SANTEC
VIDEO TECHNOLOGIES

APPLICATION EXAMPLE



SNC-6201M



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VTC-HDH432IRPWD



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DCZ

Video surveillance of a supermarket using network and CCTV cameras

Cash desk area

The cash desk area is monitored with high-resolution mega pixel cameras which are able to capture all details. The number of cameras to be used depends on the number of cash desks to be monitored. In general, one camera should not monitor more than two cash desks. It would be ideal to have one camera per cash desk.

Sales floor

The surveillance of the sales floor can best be achieved by high-resolution colour dome cameras with variable focal length. They can be mounted in all critical spots. In addition, a controllable high speed colour dome camera is mounted centrally in the supermarket which allows to manually follow events in the store, e.g. in case a detective is involved.

Warehouse

To monitor a warehouse and its adjoining rooms, it is recommended to use high-resolution and vandal-proof colour dome cameras with integrated IR-LEDs which produce excellent images even in complete darkness.

Applied devices

- Camera 1:** High-resolution SANTEC IP mega pixel camera SNC-6201M with 1.3 mega pixel and vario zoom lens to monitor the cash desk area.
- Camera 2-6:** Compact dome cameras SANTEC VTC-262PWD with excellent picture quality and vario zoom. Alternative: IP camera SNC-620/W.
- Camera 7:** Vandal-proof dome camera SANTEC VTC-HDH432IRPWD with built-in IR-LEDs and variable zoom area.
- Camera 8:** High speed dome camera VDC-295ID with 22x motor zoom and 360° pan/tilt function. The dome can be mounted into a ceiling using bracket HSC251-HV. The dome can be connected to a recorder via a USB RS-485 (SCB-C08). Controlling is done via the NUUO-NDVR-8P or the USB keyboard DCZ.

Picture recording and playback:

For recording, the professional 8-channel digital recorder NUUO-NDVR-8P is used, in connection with the 19" CCTV LCD monitor SLA-19AX. All CCTV cameras and all network cameras are simultaneously connected to the recorder which is located in the manager's office (B). From there, the high speed dome camera (8) is controlled via the USB keyboard DCZ. Live-pictures can be accessed by the network, any authorised PC or the server room. Moreover, access via Apps (iPhone, Android, etc) is provided.